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**Title:** JP5151947A2: SEPARATOR FOR SEALED LEAD ACID BATTERY

**Country:** JP Japan

**Kind:** A

**Inventor:** TATSUMI YOSHIRO;  
FUNATO TAKAYUKI;  
NAKAJIMA MAKOTO;  
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**Assignee:** JAPAN STORAGE BATTERY CO LTD  
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**Published / Filed:** 1993-06-18 / 1991-11-29

**Application Number:** JP1991000342037

**IPC Code:** H01M 2/16;

**Priority Number:** 1991-11-29 JP1991000342037

**Abstract:**

**PURPOSE:** To enhance the electrolytic solution retaining property and the absorbing performance by filling a hollow in a separator made of fine glass fibers with porous silicon dioxide powder impregnated with sulphuric acid.

**CONSTITUTION:** A hollow 2 is formed in a separator 1 made of fine glass fibers and filled with porous silicon dioxide powder 3 containing sulphuric acid. Because lying within the separator 1, the powder 3 sputters scarcely to outside the separator, and because of inclusion of sulphuric acid the powder 3 exerts good solution absorbing performance, which allows quick pouring of water. This eliminates risk of clogging of a solution plug due to sputter of the powder, and the resultant battery can have an enhanced solution pouring property.

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**Family:** None

**Other Abstract Info:** CHEMABS 119(14)143029C CAN119(14)143029C DERABS C93-229726 DERC93-229726



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